# TW-511E



B & W TV

#### **SPECIFICATIONS**

Television System: CCIR system (B, G and H)

Picture Tube: 12.2cm, 5" (screen measured diagonally),

55° deflection

Semiconductors: 28 transistors, 22 diodes and 1 IC

Antennas: VHF/UHF: Built-in telescopic antenna

75 $\Omega$  coaxial antenna socket

Channel Coverage: VHF channels: E 2 - 12

UHF channels: E21 - 69

Intermediate Frequencies: Picture i-f carrier: 38.9MHz

Sound i-f carrier: 33.4MHz

Sound System: 5.5MHz intercarrier

Output power: 300mW (max.)

Speaker:

7.7cm (3 inches) dia,  $32\Omega$ 

Automatic Controls: AFC (aut

AFC (automatic frequency control)

AGC (automatic gain control)

Anode Voltage: 7.5k Hochspannung: 7.5k

7.5kV at  $60\mu A$  beam current 7.5kV bei  $60\mu A$  Strahlstrom

Power Requirements:

220V ac, 50Hz,

13.5V dc, nine batteries size D (IEC Designation R20)

12 V car battery with optional sony car battery

cord DCC-16E

Power Consumption:

20W ac (max.)
7W dc (average)

Dimensions:

Approx. 284(w) x 173(h) x 287(d) mm

 $11^{1}/_{8}$  (w) x  $6^{7}/_{8}$  (h) x  $11^{1}/_{4}$  (d) inches

Net Weight:

Approx. 3.5kg (7 lb 11 oz)

Accessories Supplied:

Earphone (ME-20H)

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AC power cord
Battery holder
Instruction manual

#### SAFETY-RELATED COMPONENT WARNING!

COMPONENTS IDENTIFIED BY SHADING AND MARK ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

#### SICHERHEITSHINWEIS FÜR KOMPONENTEN!

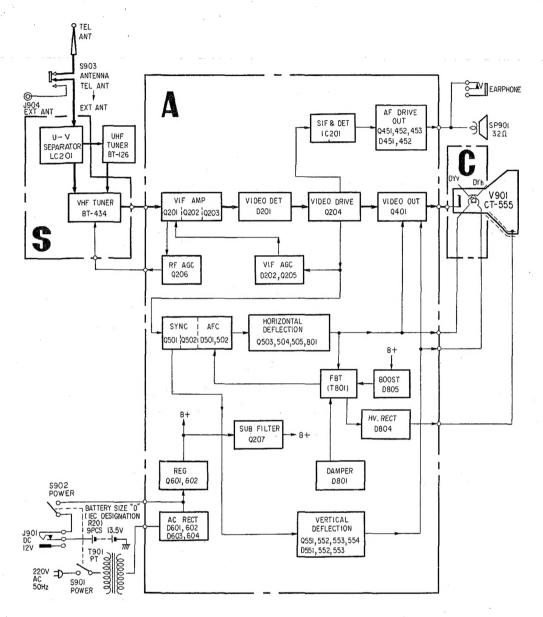
DIE IN DEN SCHALTBILDERN, DEN IN EINZELTEILE AUFGELÖSTEN PERSPEKTIVISCHEN ZEICHNUNGEN UND DEN TEILELISTEN SCHRAFFIERT EINGEZEICHNETE UND DURCH DAS ZEICHEN A GEKENNZEICHNETE KOMPONENTEN SIND FÜR DIE BETRIEBSSICHERHEIT KRITISCH. DIESE KOMPONENTEN SIND DURCH SOLCHE SONY TEILE ZU ERSETZEN, DEREN TEILENUMMERN IN DIESEM HANDBUCH ODER IN VON SONY HERAUSGEGEBENEN ERGÄNZUNGEN ANGEGEBEN SIND.

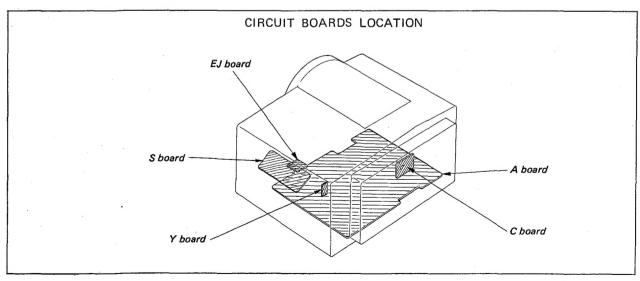
AUF FÜR DIE BETRIEBSSICHERHEIT KRITISCHE SCHALTUNGSEINSTELLUNGEN WIRD IN DIESEM HANDBUCH HINGEWIESEN.

BEFOLGEN SIE DIESE ANWEISUNGEN STETS, WENN KRITISCHE KOMPONENTEN AUSGEWECHSELT WERDEN ODER VERDACHT AUF FUNKTIONSSTÖRUNGEN BESTEHT.



# SECTION 1 BLOCK DIAGRAM

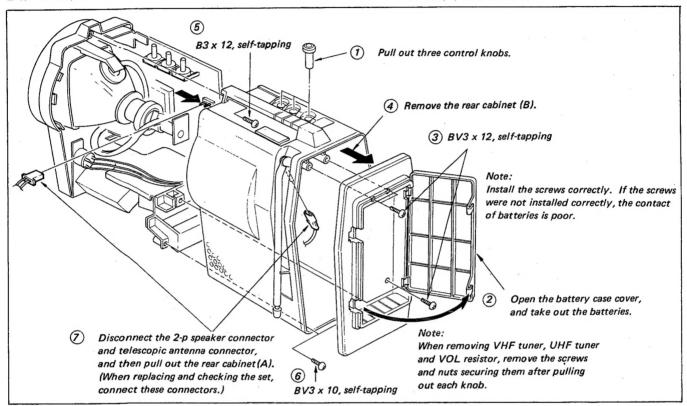




#### SECTION 2 DISASSEMBLY

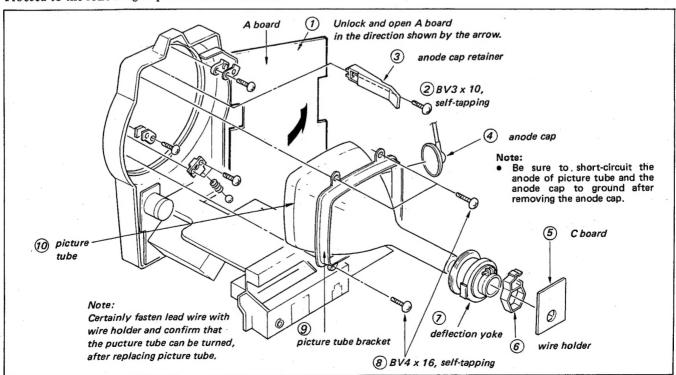
- Note Follow the disassembly procedure in the numerical order
  - When removing the rear cover, take out all the screws around marked - on it.
  - All screws are Phillips (cross recess) type unless otherwise noted. (-) = slotted head.

#### 2-1. CABINET REMOVAL



#### 2-2, PICTURE TUBE REMOVAL

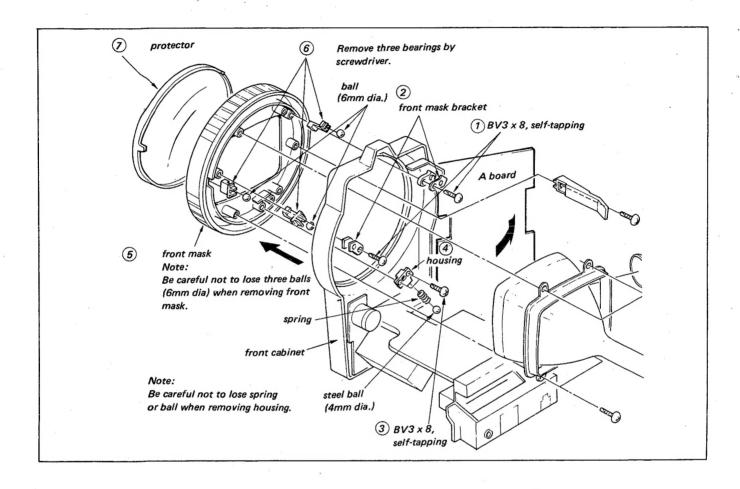
Proceed to the following steps after cabinet removal.



## TV-511E

#### 2-3. PROTECTOR REMOVAL

Remove picture tube from the front cabinet and then proceed to the following steps.



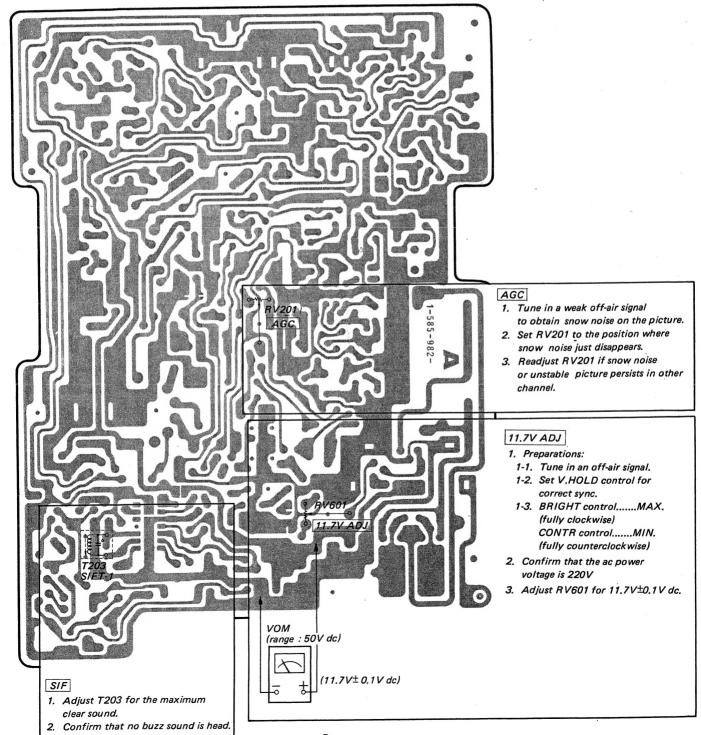
#### SECTION 3 CIRCUIT ADJUSTMENTS

#### 3-1. A BOARD ADJUSTMENTS (1)

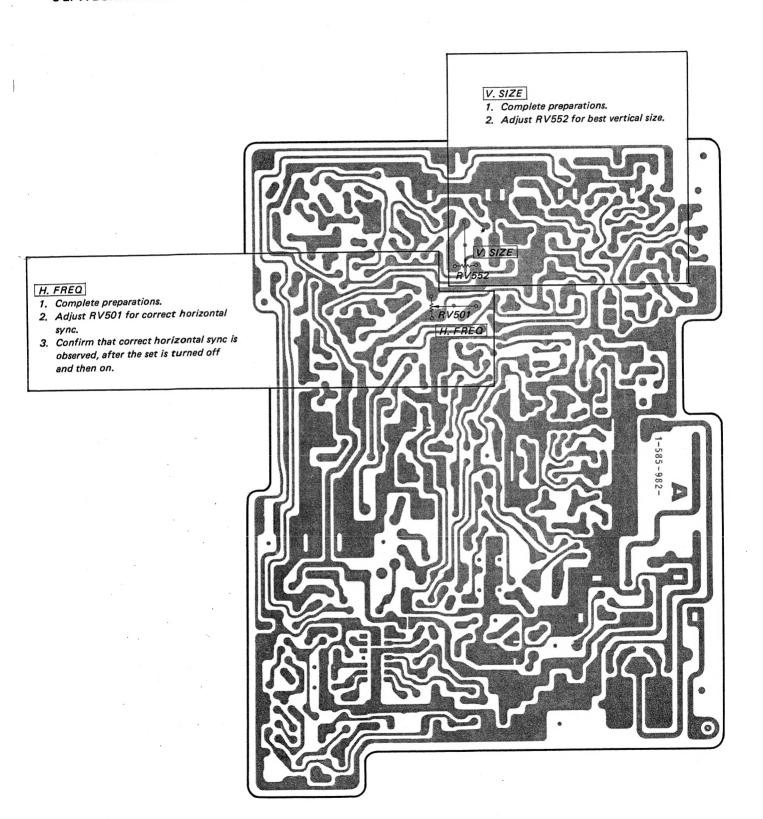
#### Note:

- The Equipment Required ...... VOM
- These adjustment should be performed with rated power supply voltage, unless otherwise noted.

- Preparations: 1. Tune in an off-air signal.
  - 2. Set V. HOLD control for correct sync.
  - 3. BRIGHT control ) ....... MAX. (fully clockwise) CONTR control



## 3-2. A BOARD ADJUSTMENTS (2)



#### 1/4 WATT CARBON RESISTORS (A)

				_									
Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.	Ω	Part No.
1.0	1-244-601-11	10	1-244-625-11	100	1-244-649-11	1.0k	1-244-673-11	10 k	1-244-697-11	100 k	1-244-721-11	1.0M	1-244-745-11
1.1	1-244-602-11	11	1-244-626-11	110	1-244-650-11	1.1k	1-244-674-11	11 k	1-244-698-11	110 k	1-244-722-11	1.1M	1-244-746-11
1.2	1-244-603-11	12	1-244-627-11	120	1-244-651-11	1.2k	1-244-675-11	12 k	1-244-699-11	120 k	1-244-723-11	1.2M	1-244-747-11
1.3	1-244-604-11	13	1-244-628-11	130	1-244-652-11	1.3k	1-244-676-11	13 k	1-244-700-11	130 k	1-244-724-11	1.3M	1-244-748-11
1.5	1-244-605-11	15	1-244-629-11	150	1-244-653-11	1.5k	1-244-677-11	15 k	1-244-701-11	150 k	1-244-725-11	1.5M	1-244-749-11
1,6	1-244-606-11	16	1-244-630-11	160	1-244-654-11	1.6k	1-244-678-11	16 k	1-244-702-11	160 k	1-244-726-11	1.6M	1-244-750-11
1.8			1-244-631-11			3 1	1-244-679-11	8	1-244-703-11				
2.0			1-244-632-11			3	1-244-680-11		1-244-704-11			i (	
2.2			1-244-633-11				1-244-681-11		1-244-705-11			1	
2.4			1-244-634-11			1	1-244-682-11		1-244-706-11			8 1	
1 2.4	1 244 010 11												
2.7	1-244-611-11	27	1-244-635-11				1-244-683-11			1			
3.0	1-244-612-11	30	1-244-636-11				1-244-684-11		1-244-708-11				
3.3	1-244-613-11	33	1-244-637-11				1-244-685-11		1-244-709-11			1	
3.6	1-244-614-11	36	1-244-638-11			8	1-244-686-11	ì	1-244-710-11			9 )	
3.9	1-244-615-11	39	1-244-639-11	390	1-244-663-11	3.9k	1-244-687-11	39 k	1-244-711-11	390 k	1-244-735-11	3.9M	1-244-759-11
4.3	1-244-616-11	43	1-244-640-11	430	1-244-664-11	4.3k	1-244-688-11	43 k	1-244-712-11	430 k	1-244-736-11	4.3M	1-244-760-11
4.7		47	1-244-641-11	470	1-244-665-11	4.7k	1-244-689-11	47 k	1-244-713-11	470 k	1-244-737-11	4.7M	1-244-761-11
5.1	1-244-618-11	51	1-244-642-11	510	1-244-666-11	5.1k	1-244-690-11	51 k	1-244-714-11	510 k	1-244-738-11	5.1M	1-244-762-11
5.6	1-244-619-11	56	1-244-643-11	560	1-244-667-11	5.6k	1-244-691-11	56 k	1-244-715-11	560 k	1-244-739-11		
6.2	1-244-620-11	62	1-244-644 11	620	1-244-668-11	6.2k	1-244-692-11	62 k	1-244-716-11	620 k	1-244-740-11		
		-	1 044 645 11	C00	1 044 660-11	£ 01.	1 244 602-11	68 1	1-244-717-11	680 L	1-244-741-11		
6.8		I	1-244-645-11	l .			1-244-693-11 1-244-694-11		1-244-717-11				
7.5		1	1-244-646-11	1		8	1-244-695-11			1			
8.2		1	1-244-647-11			]			1-244-719-11	1 1			
9.1	1-244-624-11	91	1-244-648-11	910	1-244-6/2-11	9.1K	1-244-696-11	DIK	1-244 720-11	310 K	1 244 /44-11		
1	1	H	1										

#### HARDWARE NOMENCLATURE

Screw:	P 3 x 10 L: Length in mm D: Diameter in mm Type of head
	Indicated slotted-head only.
	Unless otherwise indicated, it means
	anne servered band (Dbilling Armed

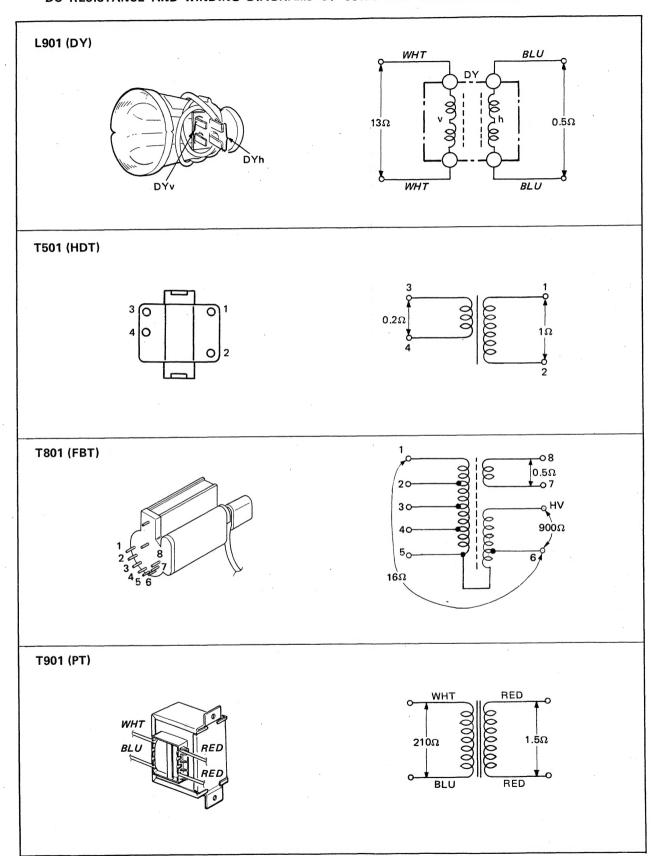
Reference Designation	Shape	Description	Remarks
Address		SCREWS	
Р	€	pan-head screw	binding-head (B) screw for replacement
PWH	<b>₽</b>	pan-head screw with washer face	binding-head (B) screw and flat washer for replacement
PS PSP	<b>%</b> 3-	pan-head screw with spring washer	binding-head (B) screw and spring washer for replace- ment
PSW PSPW	<del>88</del> 1	pan-head screw with spring and flat washers	binding-head (B) screw and spring and flat washers for replacement
R	<b>€</b>	round-head screw	binding-head (B) screw for replacement
К	₽	flat-countersunk-head screw	
RK	<b>₽</b>	oval-countersunk-head screw	
В	₽	binding-head screw	
Т	<b>†</b>	truss-head screw	binding-head (B) screw for replacement
F	<del>[] 3</del>	flat-fillister-head screw	
RF	€⊒•	fillister-head screw	
BV	<b>₽</b>	braizer-head screw	

Nut, Washer,	Retaining ring:
	N 3  Diameter of usable screw or shaft
	Reference designation

Reference Designation	Shape	Description	Remarks				
		SELF-TAPPING SCRE	ws				
TA	<b>₩</b>	self-tapping screw	ex: TA, P 3 x 10				
PTP	<b>=</b>	pan-head self-tapping screw	binding-head self- tapping (TA, B) screw for replacement				
PTPWH		pan-head self-tapping screw with washer face	binding-head self tapping (TA, B) screw and flat washer for replacement				
PTTWH	<b>(E)</b>	pan-head thread-rolling screw with washer face	binding-head (B) screw and flat washer for replacement				
		SET SCREWS					
SC	-€	set screw					
sc	-0=	hexagon-socket set screw	ex: SC 2.6 x 4, hexagon socket				
		NUT					
N	-[]-(-)-	nut					
		WASHERS					
W	0	flat washer					
SW	<b>\</b>	spring washer					
LW	0	internal-tooth lock washer	ex: LW3, internal				
LW	٥	external-tooth lock washer	ex: LW3, external				
		RETAINING RINGS					
. E .	0	retaining ring					
G	8	grip-type retaining ring					
		· · · · · · · · · · · · · · · · · · ·					

# SECTION 4 DIAGRAMS

## DC RESISTANCE AND WINDING DIAGRAMS OF COILS AND TRANSFORMERS



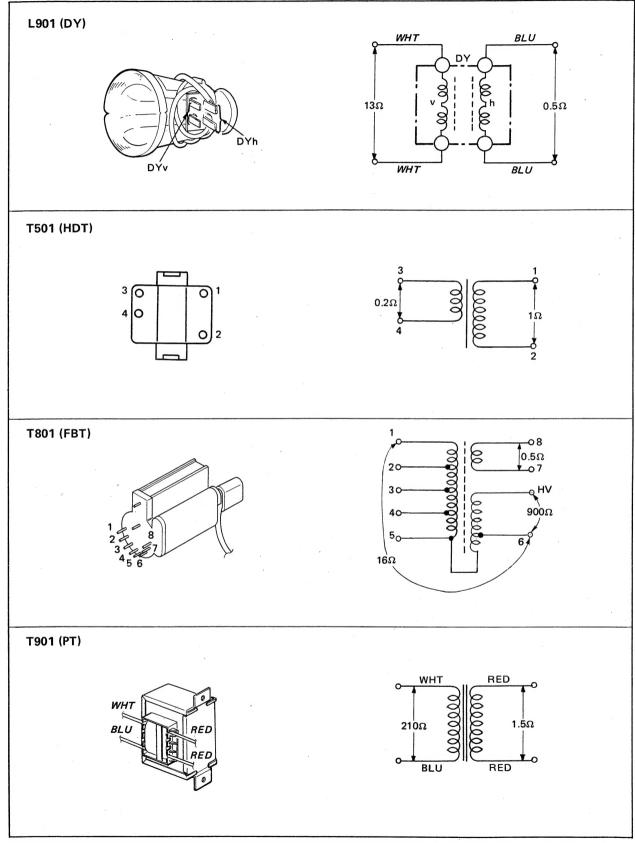
**Note:** DC resistance measurements shown with coils disconnected from circuit.

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## TV-511E

# SECTION 4 DIAGRAMS

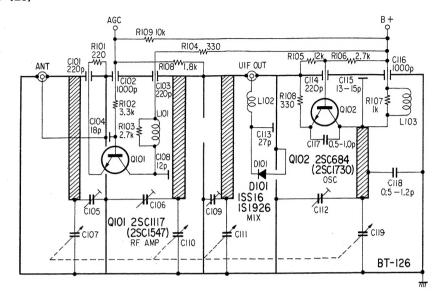
#### DC RESISTANCE AND WINDING DIAGRAMS OF COILS AND TRANSFORMERS



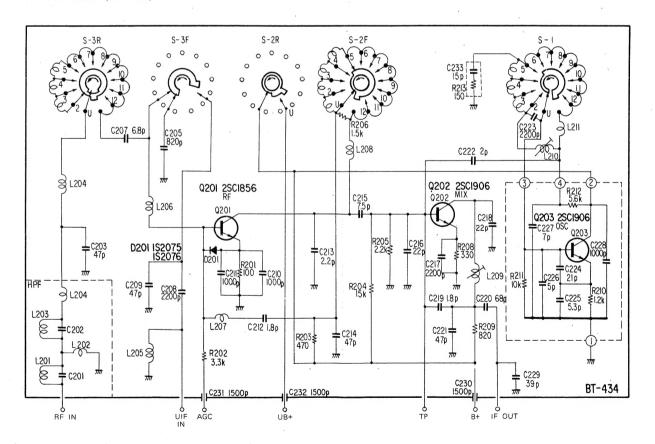
Note: DC resistance measurements shown with coils disconnected from circuit.

#### 42. UHF AND VHF TUNER SCHEMATIC DIAGRAMS

#### - UHF tuner (BT-126) -



#### - VHF tuner (BT-434) -



Note: Tuner reference numbers are not included in the Electrical Parts List (Page 17 – 19).

A-1295-154-A

-11-

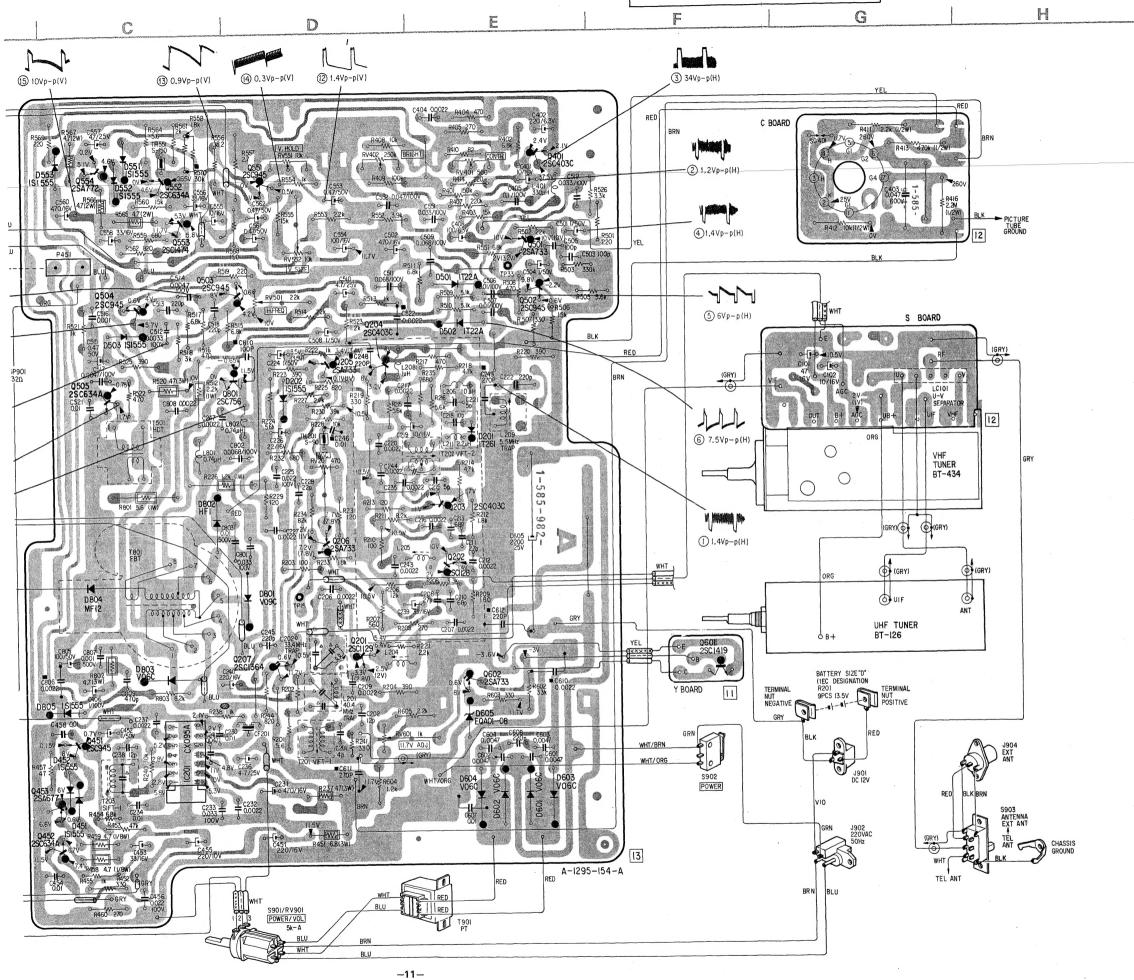
Note:

• o- : parts extracted from the component side.

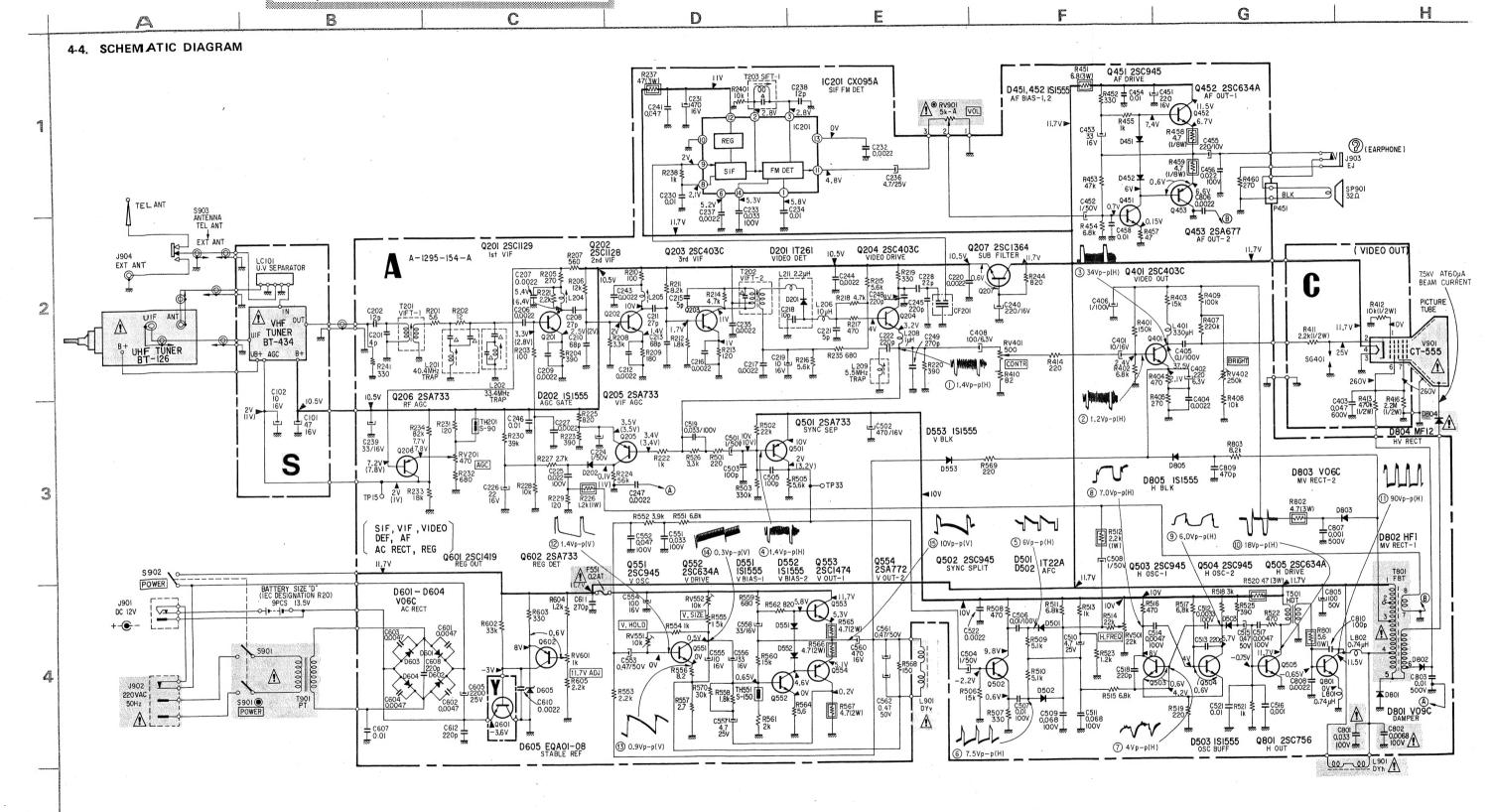
• - : parts extracted from the conductor side.

: part mounted on the conductor side,

-10-



Note: The components identified by shading and A mark are critical for safety. Replace only with part number specified.



(20  $k\Omega/V$ ).

( ) : detuned

Voltages are dc with respect to ground unless otherwise

Voltage variations may be noted due to normal pro-

noted.

duction tolerances.

• : B+ bus.

• Voltages are taken under tuned conditions with VOM

,BRIGHT control ...... MAX

CONTR control ...... MIN

All capacitors are in μF unless otherwise noted. P: μμF

• All resistors are in ohms, ¼W unless otherwise noted.

k:  $1000\Omega$ , M:  $1000k\Omega$ 

\( \text{: internal component.} \)

50WV or less are not indicated except for electrolytics.

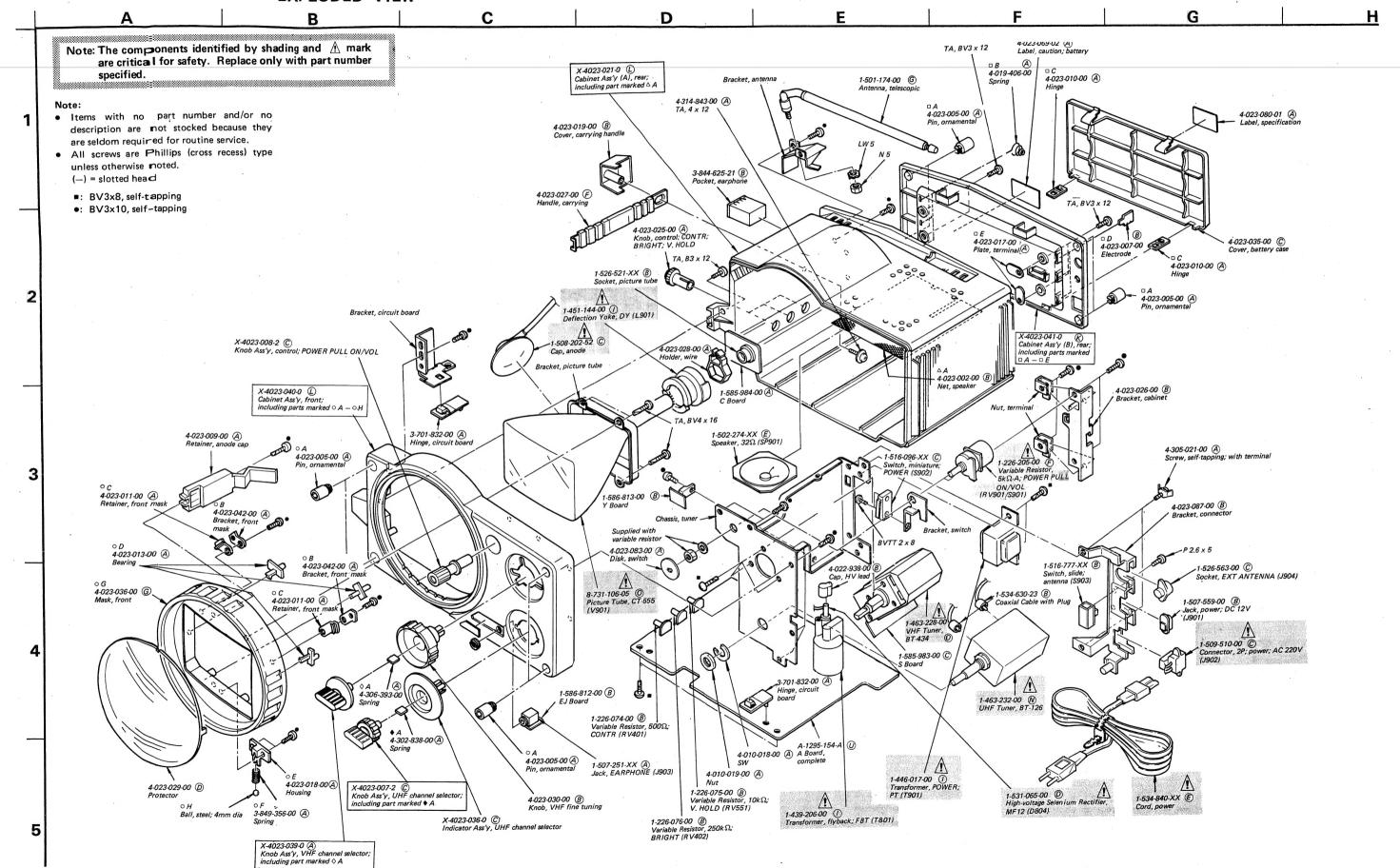
• : nonflammable resistor.

: panel designation.

curve B, unless otherwise noted.

• All variable and adjustable resistors have characteristic

# SECTION 5 EXPLODED VIEW



# SECTION 6 ELECTRICAL PARTS LIST

Ref. No. I	Par 1 No.	<u>Description</u>	Ref. No.	Part No.	Description	•	Ref. No.	Part No.	Description	1		Ref. No.	Part No.	Description	_	
т	UNS ERS AND	CIRCUIT BOARDS	D551-553 D601-604	(B) (A)	1S1555 V06C			CAPA	CITORS			C243, 244 C245	1-102-121-11 1-102-977-11	<ul><li>(A) 0.0022</li><li>(A) 220p</li></ul>		
· A		DT 424	D605		EQA01-08		All canacitos	s are in μF and c	eramic unless	otherwise	noted	C246	1-101-004-11	(A) 0.01		
<u>^</u> 1	1-463-228-00	O VHF Tuner, BT 434	D801	A	V09C		-	s are not indicate				C247	1-102-121-11	(A) 0.0022		
· <b>/V</b>	1-463-232-00	N UHF Tuner, BT-126	D801 D802	B	HF1			et : electrolytic	d oncopilor o			C248	1-102-983-11	© 220p		
			D802	•			р. дд., ото	ot . Gloodfoly the				C249	1-102-984-11	(A) 270p		
	1-5 \$5-893-00		D803	(A)	V06C		C101	1-121-409-11	(A) 47	16V	elect	0217	110270711	<u> </u>		
	1-5 85-984-00		D805	B	1S1555		C102		(A) 10	16V	elect	C401	1-121-651-11	A 10	16V	elect
	1-5 86-812-00 (		D003	•	151333		C201		(A) 4p			C402		=	6.3V	elect
	1-5 86-813-00 (				IC		C202		(A) 12p			C403	1-130-104-11		600V	polyethylene
•	A-1 295-154-A (	U A Board, complete					C206, 207		(A) 0.0022			C404	1-102-121-11	_		
	0514100	NDUCTORS	IC201	F	CX095A		0200, 201		9			C405	1-108-389-12		100V	mylar
	SEMICO	NDOCTORS	10201				C208	1-102-961-11	(A) 27p						,	
	Tea	a sistara		Misc	ellaneous		C209	1-102-121-11	_			C406	1-123-249-11	A 1	100V	elect
	ira	nsistors					C210		(A) 68p			C408	1-121-414-11	A 100	6.3V	elect
	(D)	2SC1129	TH201	1-800-194-00	(A) Thermistor, S-90		C211	1-102-961-11	_		_	C451		B 220	16V	elect
Q201	B	2SC1128	TH551		A Thermistor, S-150		C212	1-102-121-11	(A) 0.0022			C452	1-121-391-11	(A) 1	50V	elect
Q202	(B) (B)	2SC403C	22200	1 000 0 1 0 1 1								C453	1-121-404-11	_	16V	elect
Q203, 204	(B)	2SA733		(	COILS		C213	1-101-888-11	A 68p							
Q205, 206	<b>B</b>	2SC1364	All coi	ils are microindu	ctors unless otherwise noted.		C215		(A) 5p			C454	1-101-004-11	(A) 0.01		
Q207	•	2501301					C216, 217	1-102-121-11	(A) 0.0022			C455	1-123-072-11	(A) 220	10V	elect
0.401	$^{\odot}$	2SC403C	L201	1-409-298-00	B 40.4 MHz Trap		C218		(A) 10p			C456	1-108-381-12		100V	mylar
Q401	<u>B</u>	2SC945	L202	1-409-299-00	Ξ.		C219		A 10	16V	elect	C458	1-101-004-11	(A) 0.01		
Q451	<u>B</u>	2SC634A	L204, 205	1-459-178-00	® VIF				C			C501	1-121-391-11	A 1	50V	elect
Q452 Q453	<u>B</u>	2SA677	L206	1-407-157-XX			C220	1-102-121-11	(A) 0.0022							
Q501	<u>B</u>	2SA733	L208	1-407-178-XX	A 1μH		C221	1-102-942-11	(A) 5p			C502	1-121-940-11	<b>B</b> 470	16V	elect
Q301							C222	1-102-110-11	A 220p			C503	1-102-973-11	A 100p		
Q502-504	B	2SC945	L209	1-409-179-00	A 5.5MHz Trap		C224	1-121-391-11	A 1	50V	elect	C504	1-121-391-11	A 1	50V	elect
Q502-304 Q505	B	2SC634A	L211	1-407-182-XX			C225	1-108-381-12	B 0.022	100V	mylar	C505	1-102-973-11	(A) 100p		
Q551	$\overset{\smile}{\mathbb{B}}$	2SC945	L401	1-407-175-XX								C506, 507	1-108-377-12	(A) 0.01	100V	mylar
Q552	$\stackrel{\smile}{\mathbb{B}}$	2SC634A	L801,802		$\bigcirc$ 0.74 $\mu$ H, spook choke		C226	1-121-479-11	A 22	16V	elect					
Q553	(B)	2SC1474	L901 /	1-451-144-00	1 Deflection Yoke, DY		C227	1-102-121-11	A 0.0022			C508	1-121-391-11	A 1	50V	elect
Q555	<u> </u>		with the control of t	Part (C) Or October 1985			C228	1-102-959-11	(A) 22p			C509	1-108-387-12	_	100V	mylar
Q554	©	2SA772	LC101	1-417-060-00	B UV Separator		C230	1-101-118-11	(A) 0.01			C510	1-121-395-11	_	25V	elect
Q601	©	2SC1419					C231	1-121-940-11	<b>B</b> 470	16V	elect	C511	1-108-387-12	(A) 0.068	100V	mylar
Q602	$\stackrel{\smile}{\mathbb{B}}$	2SA733	*	TRANSFORM	ERS AND FILTER							C512	1-108-371-12	(A) 0.0033	100V	mylar
Q801	Ō	2SC756					C232	1-102-121-11								
	_	·	CF201	1-527-263-00	B Ceramic Filter		C233	1-108-383-12		100V	mylar	C513	1-102-977-11			
		Piodes					C234	1-101-004-11				C514	1-108-373-12		100V	mylar
			T201	1-403-519-00			C235	1-102-121-11	_			C515	1-121-726-11	-	50V	elect
D201	A	1T261	T202	1-403-730-00			C236	1-121-395-11	A 4.7	25V	elect	C516	1-101-001-11		400	•
D202	$\widecheck{\mathbb{B}}$	1S1555	T203	1-403-842-00								C517	1-108-373-12	(A) 0.0047	100V	mylar
D451, 452	B	1S1555	T501		B Horizontal Drive, HDT		C237	1-102-121-11	-		:			O ***		
D501, 502	A	1T22A	T801 /	<u>//</u> 1-439-206-00	(I) Flyback, FBT		C238	1-102-637-11				C518	1-102-977-11		400**	1
D503	B	1S1555		A			C239	1-121-404-11		16V	elect	C519	1-108-383-12		100V	mylar
			T901 Z	<u>^</u> 1-446-017-00	(I) Power, PT		C240	1-123-068-11	-	16V	elect	C521	1-101-004-11	-		
		l l					C241	1-101-006-11	(A) 0.047		)	Ç522	1-102-121-11		10077	
											•	C551	1-108-632-11	(A) 0.033	100V	mylar

Note: The components identified by shading and 🛕 mark are critical for safety. Replace only with part number specified.

Ref. No.	Part No.	Description	<u>n</u>		Ref. No.	Part No.	Description	<u>n</u>	
C552	1-108-385-12	A 0.047	100V	mylar	R512	1-213-147-11	B 2.2k	1W	metal oxide (nonflammable)
C553	1-121-726-11	(A) 0.47	50V	elect	R520	1-206-527-11	(B) 47	3W	metal oxide
C554	1-121-415-11	(A) 100 (B) 10	16V	elect			-		(nonflammable)
C555 C556	1-131-158-11 1-121-404-11	(B) 10 (A) 33	16V 16V	tantalum elect	R565-567	1-207-624-11	B 4.7	2W	metal oxide (nonflammable)
C330	1-121-404-11	(1) 33	101	Cicci	R801	1-212-369-11	(B) 5.6	1W	metal oxide
C557	1-121-395-11	(A) 4.7	25V	elect			_		(nonflammable)
C558	1-121-403-11	(A) 33	16V	elect	R802	1-207-653-11	B 4.7	3W	metal oxide (nonflammable)
C560	1-121-940-11	<b>B</b> 470	16V	elect					(nonnammable)
C561, 562	1-121-726-11	(A) 0.47	50V	elect	RV201	1-224-641-XX	B 470, adju	ıstable; A	GC
C601-604	1-101-003-11	(A) 0.0047			RV401	1-226-074-00	~	able; CON	
					RV402	1-226-076-00	~	riable; BR	
C605	1-119-448-11	© 2200	25 V	elect	RV501	1-224-646-XX	~	ıstable; H.	
C607	1-101-004-11	A 0.01			RV551	1-226-075-00	B 10k, vari		
C608	1-102-977-11	(A) 220p					© 1011, vari		.022
C610	1-102-121-11	(A) 0.0022			RV552	1-224-645-XX	B 10k, adju	ıstable; V.	SIZE
C611	1-102-984-11	(A) 270p			RV601	1-224-642-XX	_	stable; 11.	
C612	1-102-977-11	(A) 220p			RV901) .				
					S901 } A	1-226-205-00	(F) 5k-A, va	riable; PO	WER PULL ON/VOL
C801 _ <b>∧</b>	1-108-383-12	(A) 0.033	100V	mylar					
	1-108-375-12	(A) 0.0068	100V	mylar		MISCEL	LANEOUS		
C803	1-102-050-11	(A) 0.01	500V						
C805	1-123-059-11	B 100	50V	elect	D804 🛕	1-531-065-00	D High-vol	tage Selen	ium Rectifier, MF12
C806	1-102-121-11	(A) 0.0022			F551 🛕	1-532-387-00	B Fuse, 0.2	2AT	
C807	1-102-038-11	(A) 0.001	500V		J901	1-507-559-00	B Jack, por		2V
		O			J902 🛕	1-509-510-00	C Connecte	or, 2-p; po	wer; AC 220V
C808	1-102-121-11	(A) 0.0022			J903	1-507-251-XX	(A) Jack, EA	RPHONE	
C809	1-102-823-11	(A) 470p			J904	1-526-563-00	C Socket, I	EXT ANTI	ENNA
C810	1-102-973-11	(A) 100p							
					S901 🛕		included	in RV901	
	RESI	ISTORS			S902	1-516-096-XX	© Switch, r	niniature;	POWER
					S903	1-516-777-XX	B Switch, s	lide; anter	nna
All resistors	are in ohms. Con	nmon ¼W carb	on resist	ors are	SG401	1-519-063-XX	A Spark Ga	p	
omitted. Re	fer to the list on 1	page 7 for thei	r part nu	mbers.	SP901	1-502-274-XX	E Speaker,	$32\Omega$	
All adjustab	le and variable re	sistors have cha	aracterist	ic curve B,					directed and control of the control
unless other	wise noted. k: 10	000Ω, M: 100	0kΩ		V901 <u></u> Λ	8-731-106-05	O Picture T	ube, CT-5	55 .
R226	1-213-144-11	(A) 1.2k	1W	metal oxide (nonflammable)	<b>A</b>	1-501-174-00 1-508-202-52	G Antenna,		c
R237	1-206-527-11	B 47	3W	metal oxide (nonflammable)	41)	1-526-521-XX	B Socket, p	icture tub	
R411	1-202-581-31	(A) 2.2k	½W	composition		1-534-630-23	B Coaxial C		
R412	1-202-597-31	(A) 10k	½W	composition		1-534-784-12	B Coaxial C	able with	Plug
R413	1-202-637-31	(B) 470k	½W	composition					
		_							
R416	1-202-723-11	(A) 2.2M	½W	composition					
R451	1-207-655-11	B 6.8	3W	metal oxide (nonflammable)					
R458, 459	1-211-401-11	(A) 4.7	1/8W	carbon (nonflammable)					

Part No.	Description
1-504-059-11	© Earphone, ME-20H
<b>⚠</b> 1-534-840-XX	E Cord, power
3-701-360-02	(A) Label, tack
3-701-625-00	A Bag, polyethylene
4-022-645-00	B Bag, protection
4-023-067-00	C Cushion, upper
4-023-068-00	C Cushion, lower
4-023-091-00	(D) Carton
4-495-699-11	(B) Manual, instruction

Note: The components identified by shading and 🛕 mark are critical for safety. Replace only with part number specified.

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